

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	961	(604/82,89,90,91).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/27 09:04
L4	311	3 and syringe and barrel	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/27 09:16
L5	220	3 and syringe and barrel and (groove or slot or recess)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/27 09:45
L6	1	("5971953").PN.	USPAT; USOCR	OR	OFF	2007/06/27 09:45
L7	0	("20050236063").PN.	USPAT; USOCR	OR	OFF	2007/06/27 10:17
L8	1	("20050236063").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/27 10:17
L9	0	8 and (surface with roughness)	USPAT	OR	OFF	2007/06/27 10:17
L10	1	8 and (surface with roughness)	US-PGPUB; USPAT	OR	OFF	2007/06/27 10:29
L11	5	((("5971953") or ("2591046") or ("5779668") or ("5788670"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/27 10:19
L12	1	11 and polypropylene	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/27 10:31
L13	1228	syringe and (pressure with sleeve)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/27 10:22
L14	14	13 and ((prevent\$4 or reduc\$4) with void)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/27 10:24
L15	26	13 and (flexible with barrel)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/27 10:24
L16	0	8 and (surface with feature)	US-PGPUB; USPAT	OR	OFF	2007/06/27 10:29
L17	1	8 and (surface with feature)	US-PGPUB; USPAT	OR	ON	2007/06/27 10:29
L18	1	11 and frozen	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/27 10:31
L19	177	(barrel or vial or tube or ampoule) and ((inside with surface) same (surface with texture))	US-PGPUB; USPAT	OR	OFF	2007/06/27 10:37

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L20	15	(syringe) and ((inside with surface) same (surface with texture))	US-PGPUB; USPAT	OR	OFF	2007/06/27 10:41
L21	1069	(syringe) and ((surface) same (texture))	US-PGPUB; USPAT	OR	OFF	2007/06/27 10:42
L22	1315	(syringe) and ((surface) same (texture or textured or texturing)) and (groove or channel)	US-PGPUB; USPAT	OR	ON	2007/06/27 10:44
L23	305	(syringe) and ((surface) same (texture or textured or texturing)) same (groove or channel)	US-PGPUB; USPAT	OR	ON	2007/06/27 10:49
L24	0	(container or vial or ampoule or tube or syringe or cartridge) and ((surface) same (texture or textured or texturing) same (groove or channel)) and (freeze with thaw with void)	US-PGPUB; USPAT	OR	ON	2007/06/27 10:50
L25	0	(container or vial or ampoule or tube or syringe or cartridge) and ((surface) same (texture or textured or texturing) same (groove or channel)) and (freeze with void)	US-PGPUB; USPAT	OR	ON	2007/06/27 10:50
L26	0	(container or vial or ampoule or tube or syringe or cartridge) and ((surface) same (texture or textured or texturing) same (groove or channel)) and (thaw with void)	US-PGPUB; USPAT	OR	ON	2007/06/27 10:51
L27	2550	(container or vial or ampoule or tube or syringe or cartridge) and ((surface) same (texture or textured or texturing) same (groove or channel))	US-PGPUB; USPAT	OR	ON	2007/06/27 10:51
L28	309	(container or vial or ampoule or tube or syringe or cartridge) and ((surface) same (texture or textured or texturing) same (groove or channel)) and (freeze or frozen)	US-PGPUB; USPAT	OR	ON	2007/06/27 10:51
L29	1	(container or vial or ampoule or tube or syringe or cartridge) and ((surface) same (texture or textured or texturing) same (groove or channel)) and ((freeze or frozen) same void)	US-PGPUB; USPAT	OR	ON	2007/06/27 10:52
L30	27	(container or vial or ampoule or tube or syringe or cartridge) and ((surface) same (texture or textured or texturing) same (groove or channel)) and ((freeze or frozen) same (air or gas))	US-PGPUB; USPAT	OR	ON	2007/06/27 10:54

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L31	1624	(container or vial or ampoule or tube or syringe or cartridge) and ((surface) same (texture or textured or texturing) same (groove or channel)) and ((air or gas))	US-PGPUB; USPAT	OR	ON	2007/06/27 10:54
L32	69	(container or vial or ampoule or tube or syringe or cartridge) and ((surface) same (texture or textured or texturing) same (groove or channel)) and ((air or gas) with pocket)	US-PGPUB; USPAT	OR	ON	2007/06/27 10:54
L33	13	(syringe) and ((surface) same (texture or textured or texturing) same (groove or channel)) and ((air or gas) with pocket)	US-PGPUB; USPAT	OR	ON	2007/06/27 10:56
L34	0	(syringe) and ((surface) same (texture or textured or texturing) same (groove or channel)) and ((air or gas) with pocket)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 10:56
S1	15	("20030015557" "20030162026" "20040108334" "20050221035" "5242405" "5016784" "5326603" "5743401" "5765722" "5783867" "5827456" "6386396" "6558764" "6573122" "6691895").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/26 14:58
S2	1	(digregorio and higson and white).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/26 15:23
S3	1	("5242405").PN.	USPAT; USOCR	OR	OFF	2007/06/26 15:27
S4	12	syringe and (barrel same (surface with roughness))	US-PGPUB; USPAT	OR	OFF	2007/06/26 15:31
S5	506	(barrel or vial or tube or ampoule) and ((inside with surface) same (surface with roughness))	US-PGPUB; USPAT	OR	OFF	2007/06/27 10:33
S6	1356	syringe and (barrel same (groove))	US-PGPUB; USPAT	OR	ON	2007/06/26 15:32
S7	104	syringe and (barrel same (inside with surface) same groove)	US-PGPUB; USPAT	OR	ON	2007/06/26 15:36
S8	44	syringe and ((reduce with void with formation) or (freeze with thaw with void\$4))	US-PGPUB; USPAT	OR	ON	2007/06/27 08:57